

(5) *Category 5—(Part 1) Telecommunications*

(i) 5A991 Limited to telecommunications equipment designed to operate outside the temperature range from 219K (-54 °C) to 397K (124 °C), which is controlled by 5A991.a., radio equipment using Quadrature-amplitude-modulation (QAM) techniques, which is controlled by 5A991.b.7., and phased array antennae, operating above 10.5 Ghz, except landing systems meeting ICAO standards (MLS), which are controlled by 5A991.f.

(ii) 5D991 Limited to “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f., or of “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.

(iii) 5E991 Limited to “technology” for the “development”, “production” or “use” of equipment controlled by 5A991.a., 5A991.b.7., or 5A991.f., or of “software” specially designed or modified for the “development”, “production”, or “use” of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.

(6) *Category 6—Sensors and Lasers*

(i) 6A995 “Lasers”, not controlled by 6A005 or 6A205.

(ii) 6C992 Optical sensing fibers not controlled by 6A002.d.3 which are modified structurally to have a “beat length” of less than 500 mm (high birefringence) or optical sensor materials not described in 6C002.b and having a zinc content of equal to or more than 6% by “mole fraction.”

(iii) 6A993 Cameras, not controlled by 6A003 or 6A203 as follows (see List of Items Controlled).

(7) *Category 7—Navigation and Avionics*

(i) 7A994 Other navigation direction finding equipment, airborne communication equipment, all aircraft inertial navigation systems not controlled under 7A003 or 7A103, and other avionic equipment, including parts and components, n.e.s.

(ii) 7B994 Other equipment for the test, inspection, or “production” of navigation and avionics equipment.

(iii) 7D994 “Software”, n.e.s., for the “development”, “production”, or “use” of navigation, airborne communication and other avionics.

(iv) 7E994 “Technology”, n.e.s., for the “development”, “production”, or “use” of navigation, airborne communication, and other avionics equipment.

(8) *Category 8—Marine*

(i) 8A992 Limited to underwater systems or equipment, not controlled by 8A001, 8A002, or 8A018, and specially designed parts therefor.

(ii) 8D992 “Software” specially designed or modified for the “development”, “production” or “use” of equipment controlled by 8A992.

(iii) 8E992 “Technology” for the “development”, “production” or “use” of equipment controlled by 8A992.

(9) *Category 9—Propulsion Systems, Space Vehicles and Related Equipment*

(i) 9A991 Limited to “aircraft”, n.e.s., and gas turbine engines not controlled by 9A001 or 9A101.

(ii) 9D991 “Software”, for the “development” or “production” of equipment controlled by 9A991 or 9B991.

(iii) 9E991 “Technology”, for the “development”, “production” or “use” of equipment controlled by 9A991 or 9B991.

[72 FR 33658, June 19, 2007, as amended at 73 FR 36, Jan. 2, 2008; 74 FR 23948, May 22, 2009; 75 FR 54277, Sept. 7, 2010]

SUPPLEMENT NO. 3 TO PART 744—COUNTRIES NOT SUBJECT TO CERTAIN UNCLEAR END-USE RESTRICTIONS IN § 744.2(A)

Australia	Italy (includes San Marino and Holy See)
Austria	Japan
Belgium	Luxembourg
Canada	Netherlands
Denmark	New Zealand
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Turkey
Ireland	United Kingdom

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997; 66 FR 18402, Apr. 9, 2001]